

NAME

nmdm - nullmodem terminal driver

SYNOPSIS

To compile this driver into the kernel, place the following line in your kernel configuration file:

device nmdm

Alternatively, to load the driver as a module at boot time, place the following line in loader.conf(5):

nmdm_load="YES"

DESCRIPTION

The **nmdm** driver provides two tty(4) devices connected by a virtual "null modem" cable.

If either of the two tty devices have the CDSR_OFLOW bit ("stty dsrflow") set in their line discipline, the **nmdm** device will emulate the speed configured in the termios(4) settings. The speed emulation works independently in the two directions, controlled by the slower end's termios settings (*c_ispeed*, *c_ospeed*, CS5 ... CS8, CSTOPB and PARENB).

FILES

/dev/nmdmN[AB] nullmodem device nodes. Where the *A* node has a matching *B* node.

The **nmdm** driver implements "on-demand device creation" so simply accessing a given instance in */dev* will create it.

DIAGNOSTICS

None.

SEE ALSO

stty(1), termios(4), tty(4), ttys(5)

HISTORY

The **nmdm** driver first appeared in FreeBSD 4.4.